

Adjusting data

V-belts (profile width in mm)	New V-belts (KG scale on measuring instrument)	Used V-belts (KG scale on measuring instrument)
9.5	30	20—25
12.5	50	40—45

Conventional tool

	e.g. made by Gates GmbH Gravener Straße 191—193, D—4018 Langenfeld 2
Measuring instrument (Kriket)	e.g. made by Gates Rubber Company 999 S. Broadway, USA—80217 Denver/Colorado

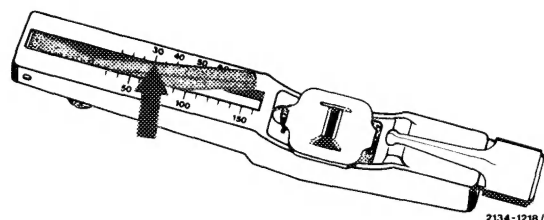
Checking condition of V-belts

Cracked, porous, burnt or worn V-belts should be replaced.

Checking tension

For handling of instrument, refer to operating instructions, renewing and tensioning V-belts (13—340).

The respective adjusting data refer to KG scale of measuring instrument (arrow).



Used V-belts

Check tension of V-belts and compare with values named in table for used V-belts (e.g. V-belt, profile width 9.5 mm = adjusting value 20–25) and retension, if required.

Mounting and tensioning of new V-belts

Perfect mounting of a V-belt requires loosening of respective auxiliary unit or of tensioning device of V-belt to the extent that the belt can be easily mounted. In addition, the running surfaces for the V-belts on pulleys must be free of burr, rust and dirt.

Keep free of oil, grease, chemicals. Do not use belt wax or similar agents. Subsequent optimal adjustment of belt tension (for adjusting values refer to table) serves to prevent complaints such as squeaking V-belts and low life.

In scope of maintenance jobs, mount V-belts prior to engine checkup and tension to value for **new V-belts** named in table (e.g. V-belt, profile width 9.5 mm = adjusting value 30).

If the V-belt tension is checked during final acceptance or following a test drive, the value measured in such a case should be in agreement with the value named in table for **used V-belts** (e.g. V-belt with profile width 9.5 mm = adjusting value 20–25). If less, retension V-belt to this value.